

Converting Colors

Hex(0A96A2)

Have a look what the booklet for
Hex(0A96A2) contains.

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Color

Hex(0A96A2)

Conversions

Conversions Part 1

Format	Color
Hex	0A96A2
RGB	10, 150, 162
RGB Percent	4%, 59%, 64%
CMY	0.9608, 0.4118, 0.3647
CMYK	0.94, 0.07, 0.00, 0.36
HSL	185°, 88%, 34%
HSV	185°, 94%, 64%
XYZ	17.5531, 24.4859, 37.9835
YIQ	109.5080, -87.2920, -25.9480

Conversions

Conversions Part 2

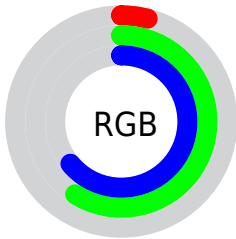
Format	Color
RYB	10, 83, 162
Decimal	693922
CIELab	56.57, -28.07, -15.67
CIELCh	57, 32.147, 209.170
Yxy	24.4859, 0.2194, 0.3060
Android (android.graphics.Color)	4278884002 (0xFF0A96A2)
YUV	109.5080, 25.8786, -87.2685
Hunter-Lab	49.4832, -23.2765, -10.8730

Details

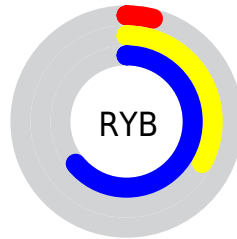
The Hex color **0A96A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A2160A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5ECDD9**, and **00636E** is the 20% darker color. If you saturate the color by 10%, you get **0095A2**, and if you desaturate by 10%, it is **1A97A2**.

Distribution



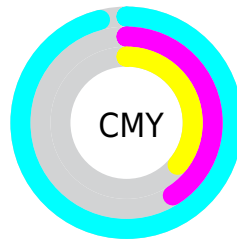
- Red (4%)
- Green (59%)
- Blue (64%)



- Red (4%)
- Yellow (33%)
- Blue (64%)



- Cyan (94%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (96%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A96A2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0A96A2 by changing the saturation by 10% instead.



0A96A2



0A96A2

FFFFFF



007C88



5ECDD9



00636E



7CE9F5



004A56



9AFFFF



00333F



B8FFFF



002029



D6FFFF



000114



F4FFFF



000000



0A96A2



0A96A2



0095A2



1A97A2

 2A99A2

 3B9AA2

 4B9BA2

 5B9CA2

 6B9EA2

 7B9FA2

 8CA0A2

 9CA2A2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



369786



0A96A2



2A92B7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A96A2



AA77A5



9B864F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0A96A2



A2160A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B17C58



0A96A2



BC728A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0A96A2



8A81B9



BD746E



7E8E56

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0A96A2



4D8DBE



BD746E



A38351

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0A96A2



98CFD4



0AA214



47686B



EBEBEB



6B6B6B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0A96A2



00C3D4



0A4CA2



495152



008691



001012

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A20A96



D400C3



A2600A



524951



910086



120010

Previews

White Background



This preview shows how the Hex color 0A96A2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0A96A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

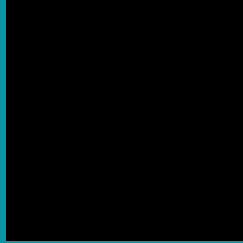
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0A96A2 Background



This preview shows how black text looks on a background with the Hex color 0A96A2.

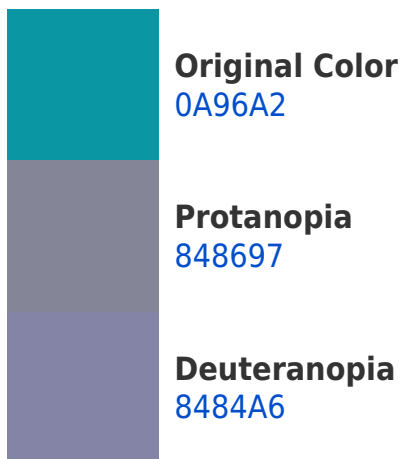


This preview shows how white text looks on a background with the Hex color 0A96A2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
0B96A2

Trichromacy



Original Color

0A96A2



Protanomaly

588C9B



Deuteranomaly

588BA5



Tritanomaly

0B96A2

Monochromacy



Original Color

0A96A2



Achromatopsia

6E6E6E



Achromatomaly

4A7D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A96A2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0A96A2 looks like.

```
.text, #text, p{  
    color:#0A96A2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0A96A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A96A2
}
```

Border

The CSS property to change the border of an element to Hex 0A96A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A96A2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0A96A2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0A96A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A96A2; -webkit-box-shadow:4px 4px  
4px 4px #0A96A2; box-shadow:4px 4px 4px  
4px #0A96A2 }
```

Background

The CSS property to change the background color of an element to Hex 0A96A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A96A2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0A96A2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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